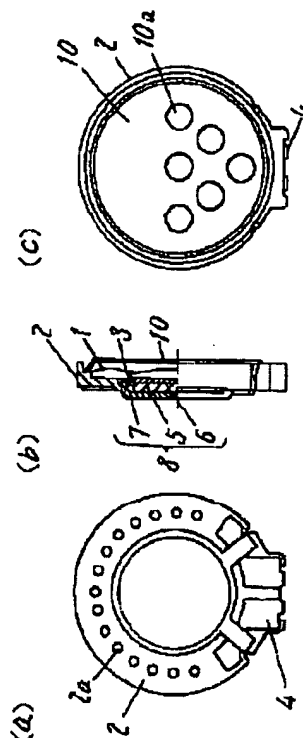


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APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;
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TITLE : LOUDSPEAKER

1 振動板 2 フレーム 2a 第1の音孔 3 ボイスコイル 4 ターミナル部 5 マグネット 6 トッププレート 7 ヨーク 8 磁気回路 10 プロテクタ 10a 第2の音孔



ABSTRACT : PROBLEM TO BE SOLVED: To provide a compact, high-quality speaker that is used for each mobile unit communication equipment kind and inhibits distortion and abnormal sounds.

SOLUTION: In the loudspeaker, a second sound hole 10a of a protector 10 that is fitted to a frame 2 of the loudspeaker is provided, while being biased to the side of a terminal section 4 of the frame, air entering from the side of the protector 10 is made nonuniform, so that it is balanced with nonuniform air entering from the side of the frame 2; the vibration of a diaphragm 1 is corrected to up/down movement with inhibited distortion, and a rolling phenomenon or the like for causing abnormal sounds is reduced, thus achieving the high-quality loudspeaker.

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